RU2115246
ENGLISH ABSTRACT

(11) Number of the patent document**2115246**
(13) Kind of document**C1**
(14) Document date**1998.07.10**
(19) Publishing country or organization**RU**
(21) Application number registered**97105517/09**
(22) Application filing date**1997.04.07**
(45) Date**1998.07.10**
(516) Edition of IPC**6**
(51) Main classification IPC**H04J3/17**

Title**METHOD OF TRANSMISSION OF DATA PACKS IN GENERAL- PURPOSE COMMUNICATION CHANNEL AND CONTROL DEVICE**

(71) Applicant information**Voennaja akademija svjazi**
(72) Inventor information**Kolesnikov V.B.**
(72) Inventor information**Sharov A.N.**
(73) Grantee (asignee) information**Voennaja akademija svjaz**

ABSTRACT:
FIELD: communication, applicable in radio communication networks with pack switching. SUBSTANCE: after check-out of condition of general-purpose communication channel data pack priority pulses are formed at duration $\Delta_{T_{j1}}$, where $l \in (1,2...,L)$,1 0 number of data pack priority, L-number of the lowest data pack priority, and j-number of pack radio communication installation, $\Delta_{T_{j1}} > .. > \Delta_{T_{jl}} > .. > \Delta_{T_{jL}}$ and $0 < T_{jl} < T$,, where T-duration of operating cycle of communication channel, at the same time a random pulse with a duration of Δ_{t_c} is generated with equiprobable law of its distribution in time interval]0,T[, and if condition $\Delta_{t_c} \in]0,T[$ is fulfilled, an enabling signal is generated, otherwise the actions in formation of enabling signal are repeated in the next clock of operation of communication channel. EFFECT: enhanced capacity of general-purpose communication channel at transmission of data packs with different categories of urgency in conditions of high information load. 4 cl, 14 dwg